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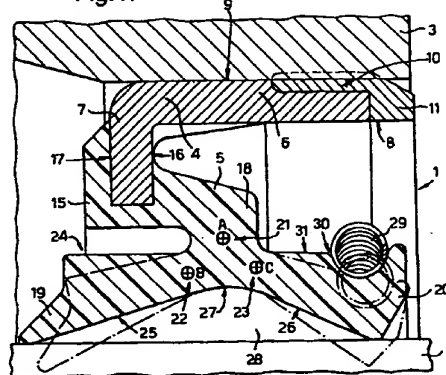
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(54) Sealing assembly for a moving mechanical member, in particular a rotary shaft of a hydraulic pump

(57) A sealing assembly (1) for a rotary shaft (2), having a metal structure (4) defined by a sleeve portion (6) and by a radially inner flange (7), and a sealing ring (5) cooperating in sliding manner with the shaft (2); the sealing ring (5) in turn has a connecting portion (15) for connection to the flange (7), and a portion (18) projecting from the flange; two sealing lips (19, 20) extend axially from opposite sides of the projecting portion (18); the two sealing lips (19, 20) and the projecting portion (18) are connected in one piece to one another at respective narrow sections (21, 22, 23), each defining a respective virtual hinge permitting rotation of each element with respect to the others; and the respective centers of rotation (A, B, C) of the virtual hinges are defined, at each axial section of the sealing assembly, by three points arranged substantially in the form of a triangle.

Fig.1.



EP 0 843 114 A3

EP 0 843 114 A3



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EUROPEAN SEARCH REPORT

Application Number
EP 97 11 9168

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Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.6)
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			TECHNICAL FIELDS SEARCHED (Int.Cl.6)
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The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 27 April 1999	Examiner Van Wel, O
<p>CATEGORY OF CITED DOCUMENTS</p> <p>X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document</p> <p>T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document</p>			

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EP 0 843 114 A3

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EP 97 11 9168

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